

WHAT IS CLAIMED IS:

1. An electrical fixture, comprising:

an electrical enclosure;

5 a knockout plug coupled to the electrical enclosure with an interference fit; and

a seal seated on a circumference of the knockout plug between the knockout plug and electrical enclosure;

10 wherein the seal provides an environmental barrier between an interior and exterior of the electrical enclosure.

2. The fixture of claim 1, wherein the electrical enclosure comprises:

5 a pipe-fitting surface located approximately coaxially with the knockout plug to accept one of a conduit or pipe, when the knockout plug is removed.

3. The fixture of claim 2, wherein the pipe-fitting surface comprises:

5 a tapered-threaded surface to accept a threaded portion of the conduit or pipe, when the knockout is removed.

4. The fixture of claim 2, wherein the pipe-fitting surface comprises:

5 an approximately smooth surface to accept a pressure type bushing for coupling the conduit or pipe to the pipe-fitting surface when the knockout plug is removed.

5. The fixture of claim 1, wherein the knockout plug comprises:

an interference surface formed circumferentially around a portion of the knockout plug to enable the interference fit with the electrical enclosure.

6. The fixture of claim 5, wherein the electrical enclosure comprises:

a knockout that is operable to receive the knockout plug.

7. The fixture of claim 6, wherein the knockout further comprises:

a fitting surface complementary to the interference surface to enable the interference fit when the fitting and interference surfaces are pressed together.

8. The fixture of claim 1, wherein the knockout plug comprises:

a sealing surface complementary to the seal to enable the seal to couple with the knockout plug.

9. The fixture of claim 8, wherein the electrical enclosure comprises:

a knockout having an enclosure-sealing surface complementary to the sealing surface.

10. An electrical fixture, comprising:

a knockout plug having plug sealing and interference surfaces;

an electrical enclosure having

a fitting surface complementary to the interference surface and forming an interference fit with the interference surface;

an enclosure-sealing surface positioned adjacent to the fitting surface;

10 a pipe-fitting surface approximately coaxial
with the enclosure sealing and fitting surfaces; and
a seal seated circumferentially between said plug
sealing and enclosure-sealing surfaces;

15 wherein the seal provides an environmental barrier
between interior and exterior portions of the electrical
enclosure.

11. The fixture of claim 10, wherein the pipe-fitting
surface comprises:

5 a tapered-threaded surface to accept one of a
threaded conduit or pipe when the knockout plug is re-
moved from the electrical enclosure.

12. The fixture of claim 10, wherein the seal comprises:

an o-ring seal seated on the plug sealing and enclo-
sure-sealing surfaces to form an environmental seal be-
tween the knockout plug and electrical enclosure.

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13. The fixture of claim 10, wherein the interference
surface comprises:

an approximately smooth surface extending around at
least a portion of a circumference of the knockout plug.

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15. A method of providing an environmental barrier for a
tapered-threaded knockout of an electrical enclosure,
comprising:

5 placing a seal on a knockout plug; and
pressing the knockout plug into the tapered-threaded
knockout to establish an interference fit between the
knockout plug and tapered-threaded knockout;

wherein the knockout plug is detachably coupled to
the tapered-threaded knockout, with the seal providing an

10 environmental barrier between interior and exterior portions of the electrical enclosure.

16. The method of claim 15, further comprising:
removing the knockout plug from the electrical enclosure.

17. An electrical system, comprising:

an electrical enclosure comprising;

5 a fitting surface that is operable to receive an interference surface of a knockout plug, when a knockout plug is inserted;

an enclosure-sealing surface adjacent the fitting surface that is operable to receive a seal, when a seal is inserted on the enclosure-sealing surface;

10 a pipe-fitting surface disposed approximately coaxial with the enclosure sealing and fitting surfaces; and

a light fixture coupled to the electrical enclosure;

15 wherein the pipe-fitting surface is complementary to and operable to accept a conduit, when a conduit inserted past the fitting and enclosure-sealing surfaces.

18. The system of claim 17, further comprising:

a conduit coupled to the pipe-fitting surface.

19. The system of claim 17, further comprising:

a knockout plug coupled to the fitting surface with an interference fit.

20. The system of claim 19, wherein the knockout plug comprises:

an interference surface on an anterior portion of the knockout plug to provide an interference fit with the fitting surface.

21. The system of claim 19, wherein the knockout plug comprises:

a plug-sealing surface extending around a circumference of the knockout plug at an anterior portion of the knockout plug.

22. The system of claim 21, further comprising:

a seal seated on the plug-sealing surface and complementary to the enclosure-sealing surface to establish an environmental barrier between the plug and enclosure-sealing surfaces.

23. The system of claim 18, wherein the knockout plug comprises:

a plug-sealing surface extending around a circumference of the knockout plug at a posterior portion of the knockout plug.

24. The system of claim 22, further comprising:

a seal seated on the plug-sealing surface and complementary to the enclosure-sealing surface to establish an environmental barrier between the plug and enclosure-sealing surfaces.